

Title (en)

pH DEPENDENT CARRIERS FOR TARGETED RELEASE OF PHARMACEUTICALS ALONG THE GASTROINTESTINAL TRACT, COMPOSITIONS THEREFROM, AND MAKING AND USING SAME

Title (de)

PH-ABHÄNGIGE TRÄGER ZUR GEZIELTEN FREISETZUNG VON PHARMAZEUTIKA ENTLANG DEN GASTROINTESTINALTRAKTS, ZUSAMMENSETZUNGEN DARAUS SOWIE IHRE HERSTELLUNG UND VERWENDUNG

Title (fr)

VECTEURS DÉPENDANT DU PH POUR LIBÉRATION CIBLÉE DE PRODUITS PHARMACEUTIQUES DANS LE TUBE DIGESTIF, COMPOSITIONS PRÉPARÉES À PARTIR DE CEUX-CI, ET LEUR FABRICATION ET LEUR UTILISATION

Publication

EP 2760433 A4 20150701 (EN)

Application

EP 12837423 A 20120929

Priority

- US 201161540699 P 20110929
- US 2012058163 W 20120929

Abstract (en)

[origin: WO2013049749A2] Novel drug carriers capable of targeted and/or pH dependent release of biologically active agents into selected pH environments including the gastrointestinal (GI), ophthalmic, urinary, or reproductive tracts. Unexpectedly, carriers including free fatty acids (FFA) are able to deliver biologically active agents to various pH environments. Such targeted delivery is tailorable and useful for active agents that are: (a) injurious to the upper GI tract (esophagus, stomach, and duodenum), (b) acid labile, (c) impermeable/insoluble compounds in GI fluids, (d) susceptible to first pass metabolism, and/or (e) cause stomach irritation, upset, or dyspepsia.

IPC 8 full level

A61K 9/10 (2006.01); **A61K 9/14** (2006.01); **A61K 9/16** (2006.01); **A61P 1/00** (2006.01); **A61P 1/04** (2006.01)

CPC (source: EP KR US)

A61K 9/0002 (2013.01 - US); **A61K 9/0095** (2013.01 - KR); **A61K 9/10** (2013.01 - KR); **A61K 9/4858** (2013.01 - EP US); **A61K 31/192** (2013.01 - EP KR US); **A61K 31/196** (2013.01 - EP KR US); **A61K 31/405** (2013.01 - EP US); **A61K 31/5415** (2013.01 - KR); **A61K 31/60** (2013.01 - EP KR US); **A61K 31/616** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61K 47/12** (2013.01 - KR US); **A61K 47/14** (2013.01 - KR US); **A61K 47/24** (2013.01 - KR US); **A61P 1/00** (2017.12 - EP); **A61P 1/04** (2017.12 - EP); **A61P 29/00** (2017.12 - EP)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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